

FIG. 1

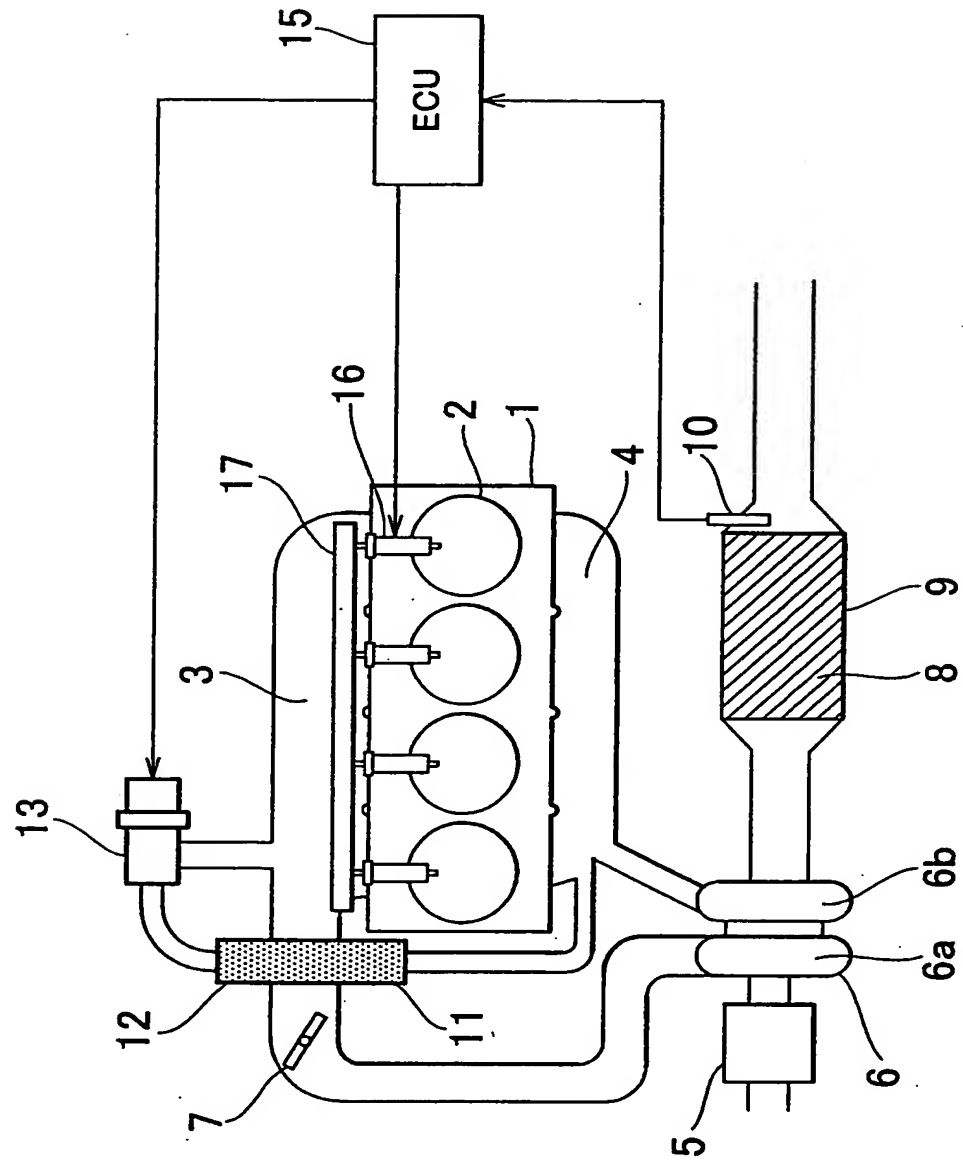


FIG. 2

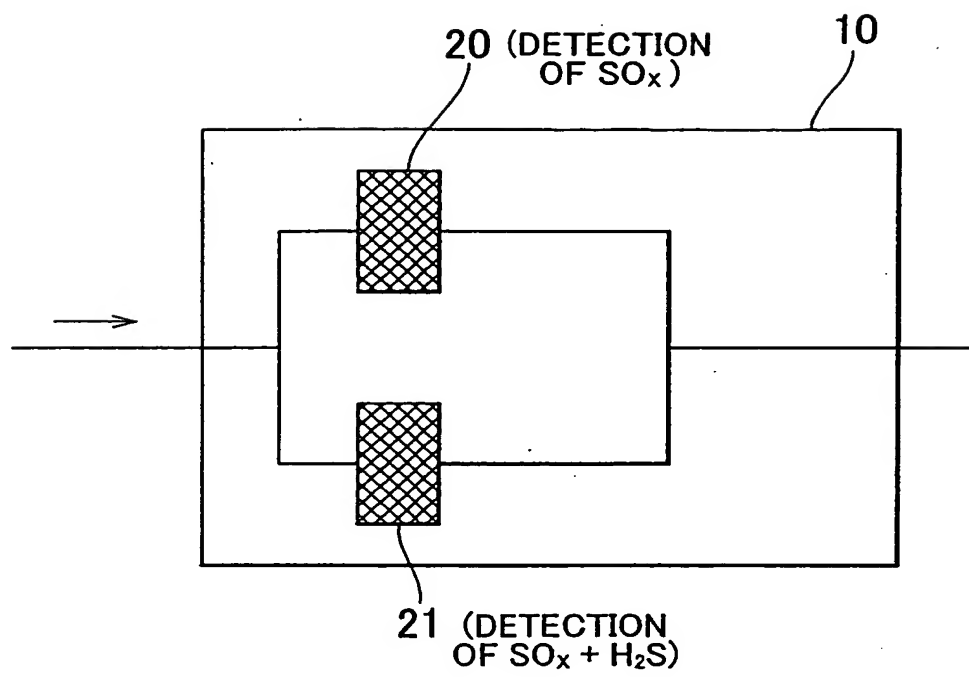


FIG. 3A

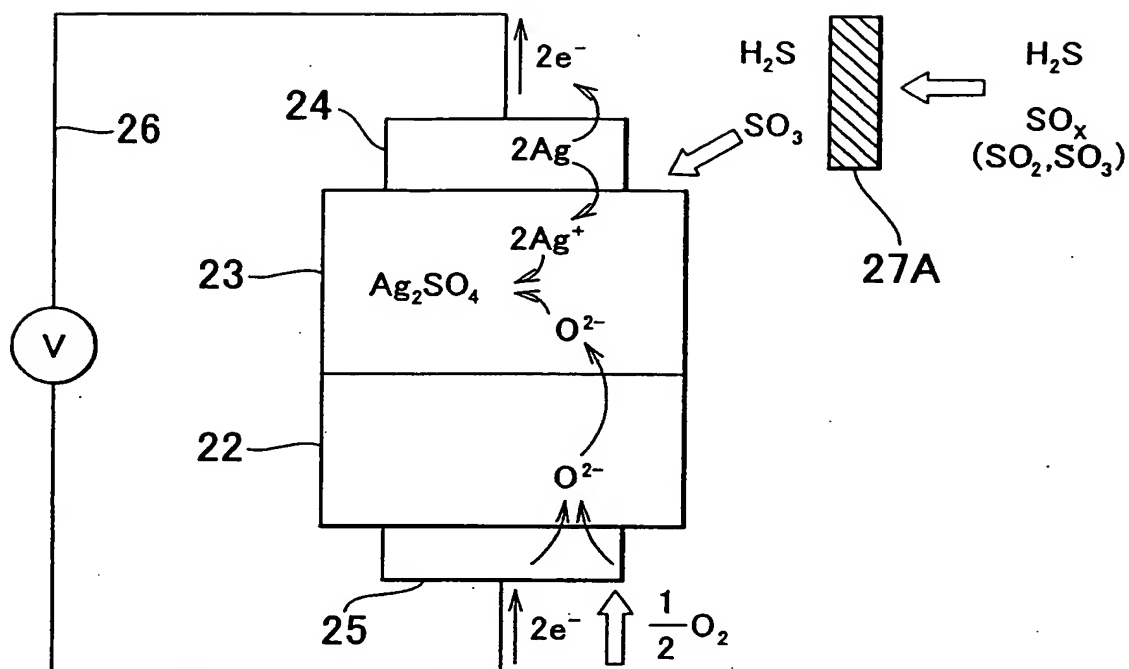


FIG. 3B

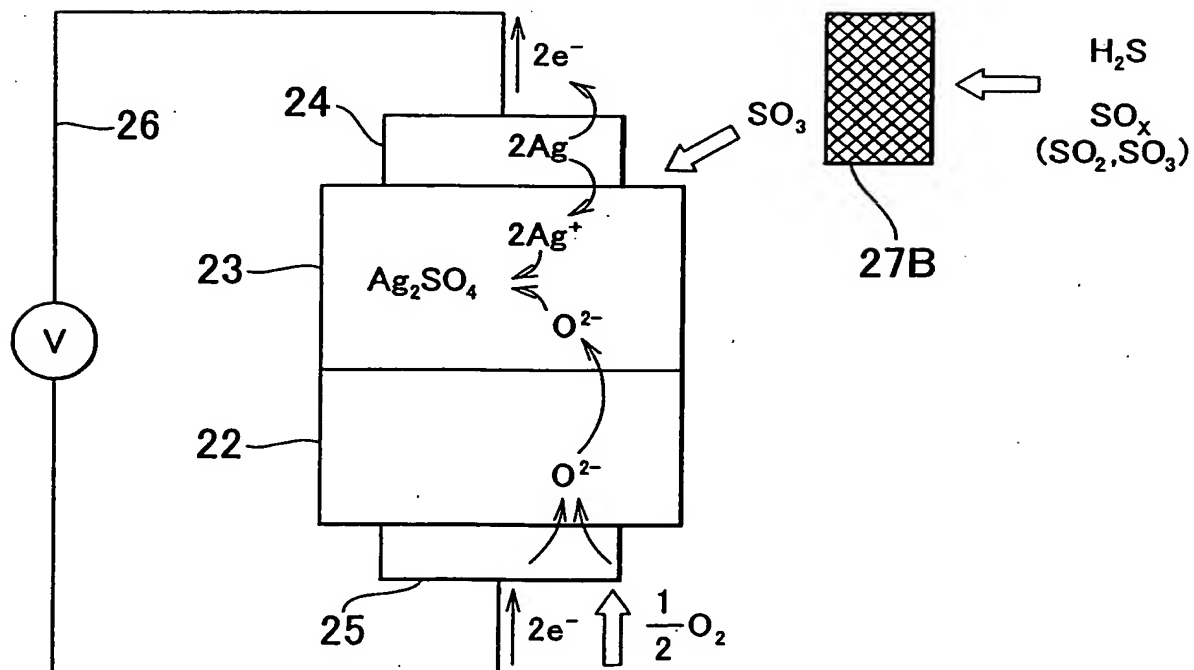


FIG. 4

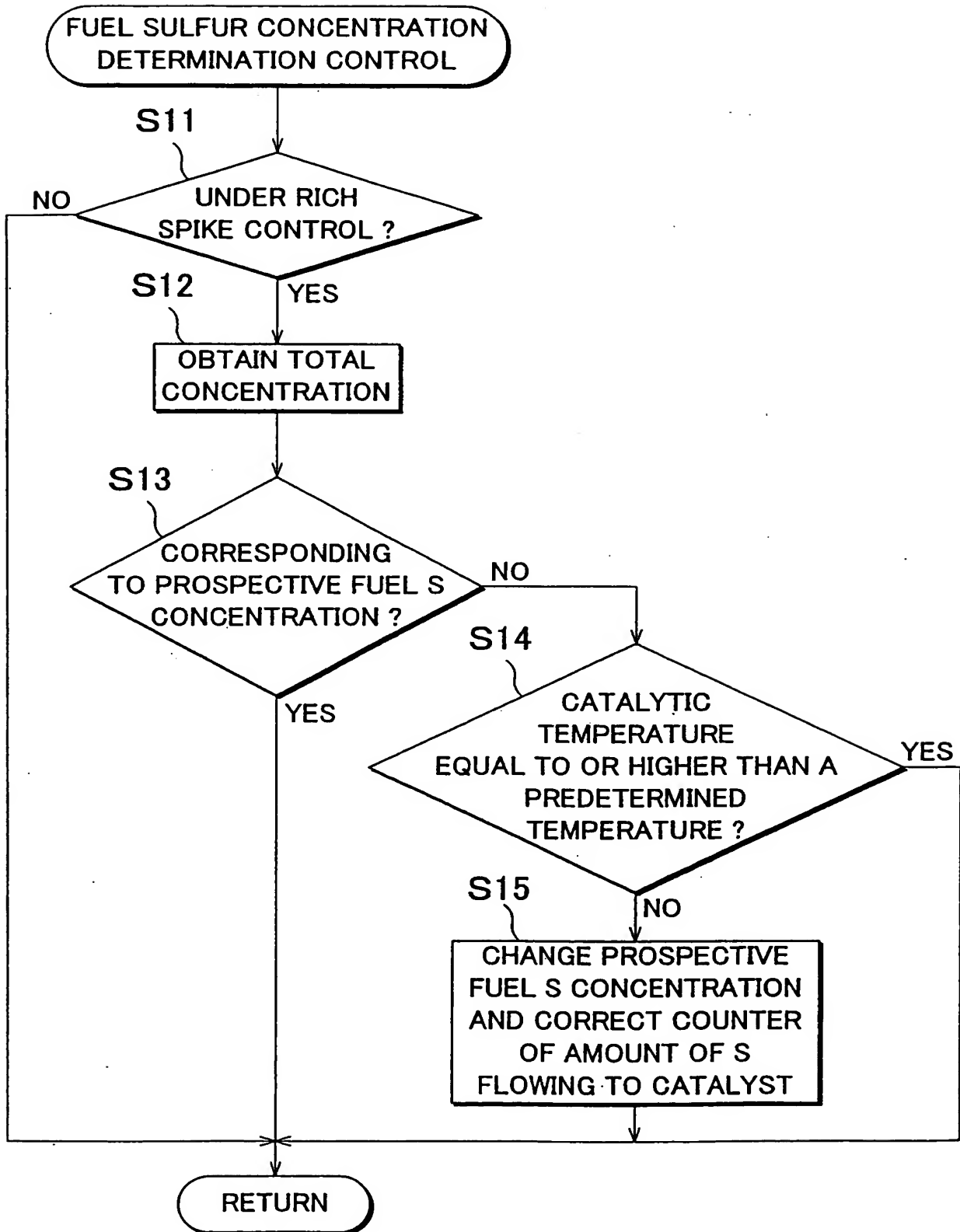


FIG. 5A

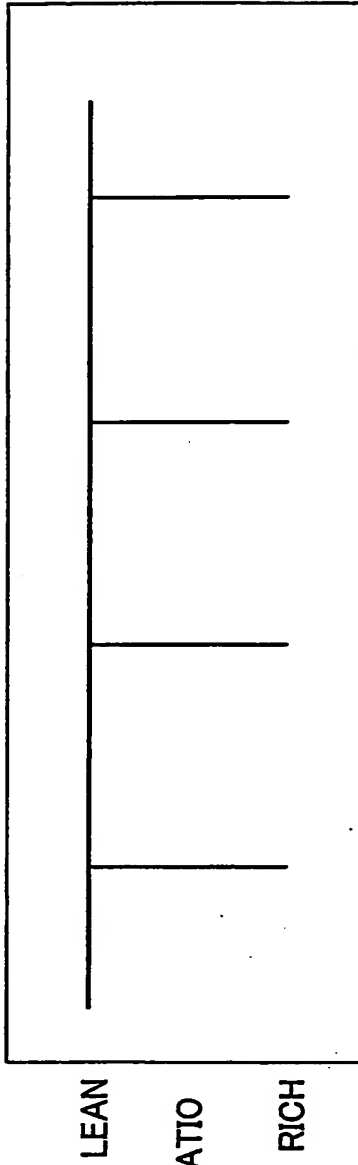


FIG. 5B
TOTAL
CONCENTRATION

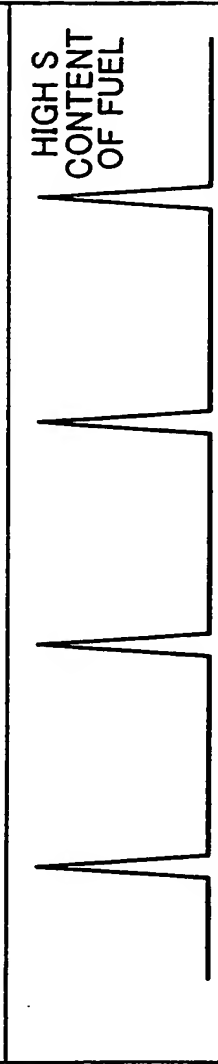
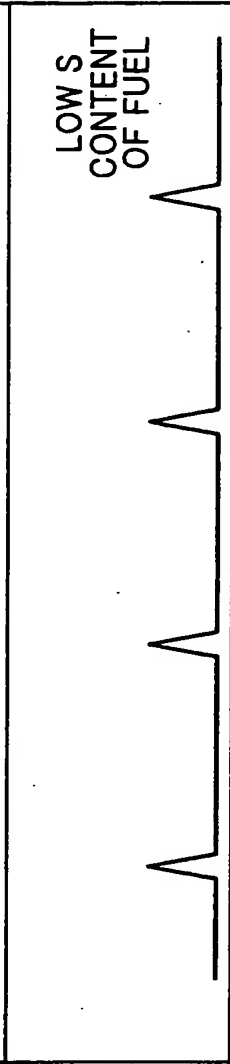


FIG. 5C
TOTAL
CONCENTRATION



TIME →

FIG. 6

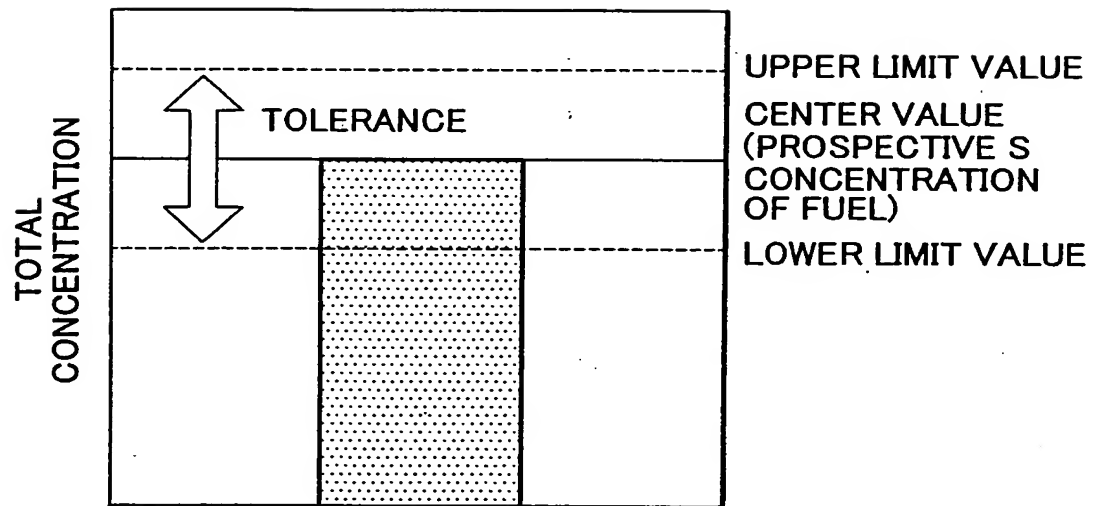


FIG. 7

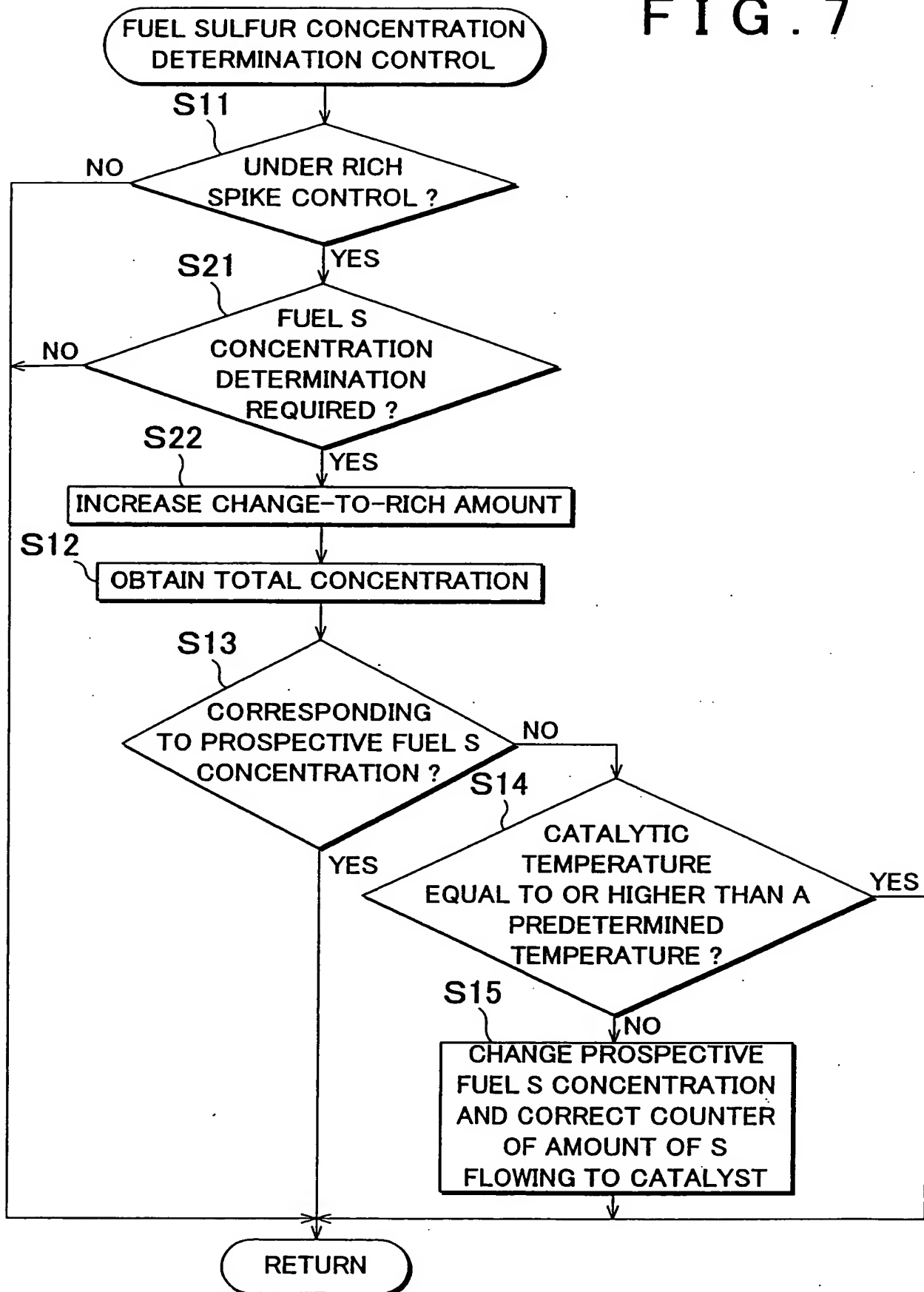


FIG. 8A

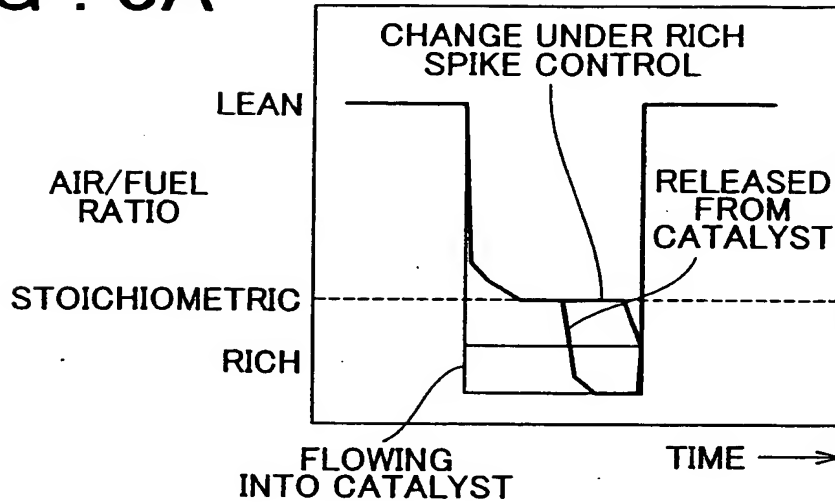


FIG. 8B

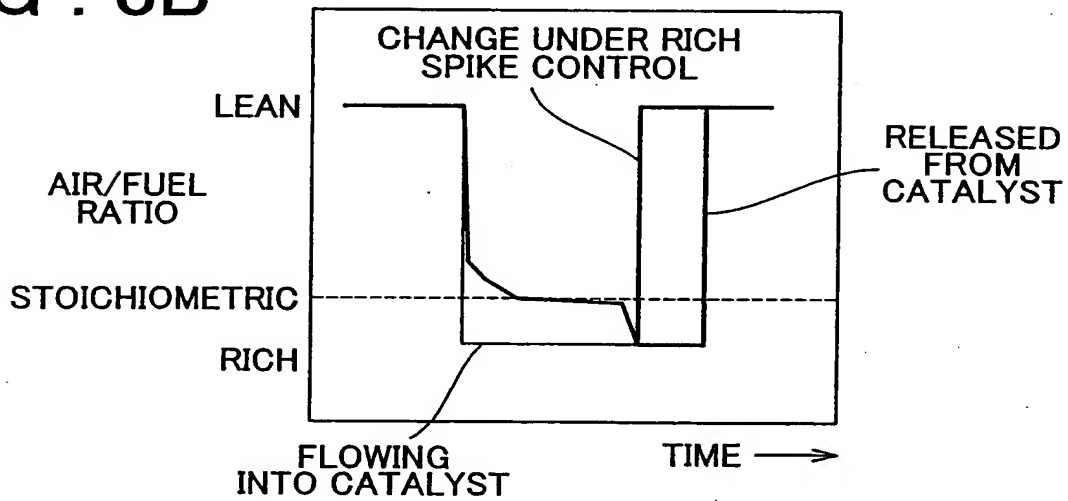
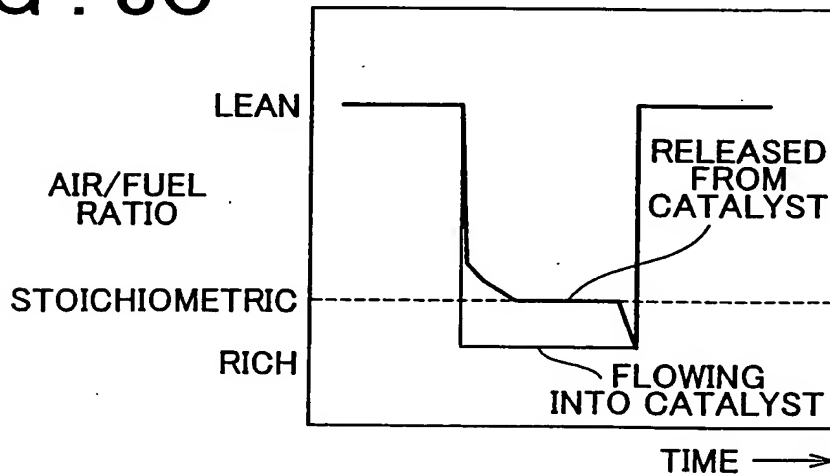


FIG. 8C



FUEL S CONTENT
DETERMINATION MODE

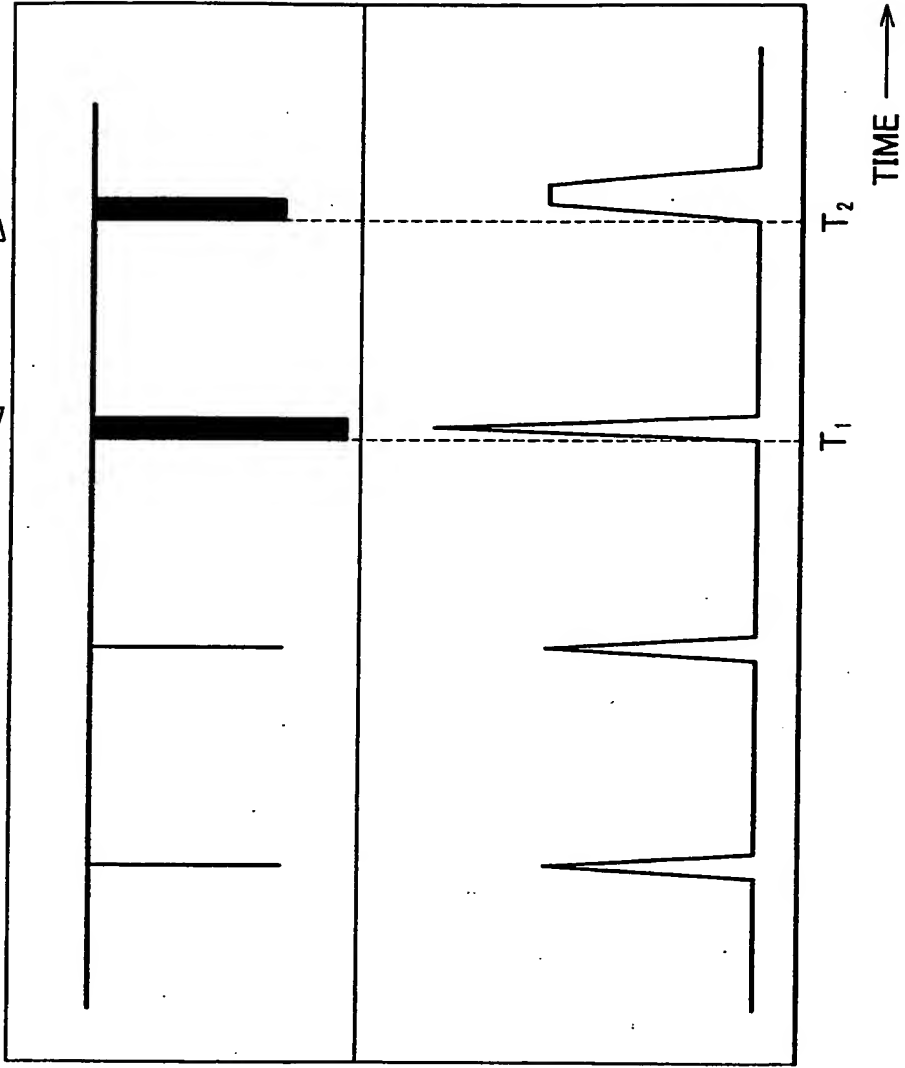


FIG. 9A

LEAN

AIR/FUEL RATIO

RICH

FIG. 9B

TOTAL
CONCENTRATION

T_2

T_1

TIME →